

3. In Table 1, at bottom of left hand column, delete "Iron pyrites" and Potassium sulfate".

4. In Table 2 on page <sup>12</sup> 21, the heading over the two columns on the right hand side, insert ---Power--- after "Relative".

5. At page 19, line 5, delete "5" after ---12---. line 10, delete "10" after ---14---. line 17, delete "carbidee" and substitute ---carbide---.

6. Delete all of page 24.

In the Claims

Please delete Claim 1 and substitute the following amended Claim.

1. An abrasive article comprising particulate material held in a resinous bond wherein:

(b1) a. The particulate material comprises from about 30% to about 95% by volume of abrasive particles and correspondingly from about 5 to about 70% by volume of friable filler particles selected from hollow bubbles of a

2

RECEIVED  
OCT 5 0 1991  
PTO Facsimile Center

RECEIVED  
OCT 29 1991  
PTO Facsimile Center

metal oxide, an organic polymer or a glass, friable particles of a silicate or an aluminosilicate, and foamed or solid glass or organic polymer particles; and

*B1X*  
b. the abrasive particles comprise particles of a sintered sol-gel alumina and particles of at least one further abrasive material.

2. In Claim 2, line 2, please insert ---the--- after "of".

3. In Claim 3, line 2, please insert ---the--- after "of"; and in line 4, please delete "as in Claim 2".

4. Please delete Claim 10 and substitute the following amended Claim 10:

*9*  
10. An abrasive article comprising particulate material held in a resinous bond wherein:

*B2*  
a. the particulate material comprises from about 30 to about 80% by volume of abrasive particles and correspondingly from about 70 to about 20% by volume of friable filler particles;  
b. the abrasive particles comprise from about 20 to about 90 volume % of seeded sol-gel alumina particles;

c. the friable filler particles are bubble alumina; and

*B2*  
*Final*  
d. the resinous bond material is a phenolic resin.

5. Please delete Claim 17 and substitute the following amended Claim 17:

*16*  
17. A method of forming an abrasive article which comprises:  
*b3*  
a. forming a uniform mixture comprising particulate material and a curable resin bond material wherein the particulate material comprises from about 30% to about 80% by volume of abrasive particles and from about 70% to about 30% by volume of friable filler particles selected from the group consisting of hollow bubbles of a metal oxide, an organic polymer or a glass, friable particles of a silicate or an aluminosilicate, and foamed or solid glass or organic polymer particles; wherein at least about 30% of the volume of the abrasive particles is provided by a seeded sol-gel alumina and at least about 10% is provided by another abrasive material;

b. shaping the mixture into the form of the desired article; and